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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/854,280	05/10/2001	Jian Chen	PI381R1C2	8242

7590

04/06/2005

SIDLEY AUSTIN BROWN AND WOOD, LLP  
1501 K STREET, N.W.  
WASHINGTON, DC 20005

EXAMINER
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JIANG, DONG

ART UNIT	PAPER NUMBER
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1646

DATE MAILED: 04/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/854,280

Applicant(s)

CHEN ET AL.

Examiner

Dong Jiang

Art Unit

1646

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 December 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 61-72 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 61-72 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED OFFICE ACTION**

Applicant's response filed on 21 December 2004 is acknowledged.

Currently, claims 61-72 are pending and under consideration.

#### ***Declaration***

The declaration filed on 21 December 2004 under 37 CFR 1.131 has been considered but is ineffective to overcome the Ebner reference.

The Ebner reference, US 2003/0092133 A1, is a U.S. patent or U.S. patent application publication that *claims* the rejected invention (claims 2, 5, 15, 17, 20 and 23, for example). An affidavit or declaration is inappropriate under 37 CFR 1.131(a) when the reference is claiming the same patentable invention, see MPEP § 2306. If the reference and this application are not commonly owned, the reference can only be overcome by establishing priority of invention through interference proceedings. See MPEP Chapter 2300 for information on initiating interference proceedings. If the reference and this application are commonly owned, the patent may be disqualified as prior art by an affidavit or declaration under 37 CFR 1.130. See MPEP § 718.

#### **Rejections Over Prior Art:**

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

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Art Unit: 1646

Claims 61-63 and 68-72 remain rejected under 35 U.S.C. 102(e) as being anticipated by Ebner et al., US 2003/0092133 A1 for the reasons of record set forth in the last Office Action mailed on 15 November 2004.

Applicants argument filed on 21 December 2004 has been fully considered, but is not deemed persuasive for reasons below.

At pages 2-3 of the response, the applicant argues that US 2003/0092133 is not entitled to a prior art date pursuant to 35 U.S.C. 102(e) of May 29 1998, as the sequence labeled as SEQ ID NO:29 in the '133 publication first appeared in the provisional application 60/099,805 filed on September 10, 1998. This argument is not persuasive because the prior art date of September 10, 1998 for 60/099,805 still predates the earlier filing date of the instant application, which is the date the present SEQ ID NO:3 and 4 first appeared (in the provisional application 60/113,621 filed on December 23, 1998).

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 C.F.R. 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(f) or (g) prior art under 35 U.S.C. 103(a).

Claims 64-67 are rejected under 35 U.S.C. 102(e) as anticipated by, or, in the alternative, under 35 U.S.C. 103(a) as obvious over Ebner et al., US 2003/0092133 A1 for the reasons of record set forth in the last Office Action mailed on 15 November 2004.

Art Unit: 1646

Applicants argument filed on 21 December 2004 has been fully considered, but is not deemed persuasive for the same reasons above as the argument is based on the same ground as that above.

Note: at page 4 of the response, applicants request that the examiner declare an interference between the instant application and the '133 publication. However, it is improper for the examiner to do so as the prior art rejection is maintained. Applicants attention is directed to the new rule change in interference practice, in which Applicants many suggest an interference with another application or a patent, and an examiner may require an applicant to add a claim to provoke an interference (see attached copy).

**Conclusion:**

No claim is allowed.

Art Unit: 1646

**Advisory Information:**

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication should be directed to Dong Jiang whose telephone number is 571-272-0872. The examiner can normally be reached on Monday - Friday from 9:30 AM to 7:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anthony Caputa, can be reached on 571-272-0829. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

*Elizabeth C. Kemmerer*

**ELIZABETH KEMMERER  
PRIMARY EXAMINER**

Dong Jiang, Ph.D.  
Patent Examiner  
AU1646  
3/28/05

Changes for interference practice

2/05

the witness on the record at the deposition, or

(iii) The witness refuses to read or sign the transcript of the deposition.

(6) The officer shall prepare a certified transcript by attaching to the transcript of the deposition a certificate in the form of an affidavit signed and sealed by the officer. Unless the parties waive any of the following requirements, in which case the certificate shall so state, the certificate must state:

(i) The witness was duly sworn by the officer before commencement of testimony by the witness;

(ii) The transcript is a true record of the testimony given by the witness;

(iii) The name of the person who recorded the testimony and, if the officer did not record it, whether the testimony was recorded in the presence of the officer;

(iv) The presence or absence of any opponent;

(v) The place where the deposition was taken and the day and hour when the deposition began and ended;

(vi) The officer has no disqualifying interest, personal or financial, in a party; and

(vii) If a witness refuses to read or sign the transcript, the circumstances under which the witness refused.

(7) The officer must promptly provide a copy of the transcript to all parties. The proponent of the testimony must file the original as an exhibit.

(8) Any objection to the content, form, or manner of taking the deposition, including the qualifications of the officer, is waived unless made on the record during the deposition and preserved in a timely filed miscellaneous motion to exclude.

(f) Costs. Except as the Board may order or the parties may agree in writing, the proponent of the testimony shall bear all costs associated with the testimony, including the reasonable costs associated with making the witness available for the cross-examination.

#### § 41.158 Expert testimony, tests and data.

(a) Expert testimony that does not disclose the underlying facts or data on which the opinion is

based is entitled to little or no weight. Testimony on United States patent law will not be admitted.

(b) If a party relies on a technical test or data from such a test, the party must provide an affidavit explaining:

(1) Why the test or data is being used,

(2) How the test was performed and the data was generated,

(3) How the data is used to determine a value,

(4) How the test is regarded in the relevant art, and

(5) Any other information necessary for the Board to evaluate the test and data.

#### Subpart B—Patent Interferences

##### § 41.200 Procedure: pendency.

(a) A patent interference is a contested case subject to the procedures set forth in subpart D.

(b) A claim shall be given its broadest reasonable construction in light of the specification of the application or patent in which it appears.

(c) Patent interferences shall be administered such that pendency before the Board is normally no more than two years.

##### § 41.201 Definitions.

In addition to the definitions in §§ 41.2 and 41.100, the following definitions apply to proceedings under this subpart:

Accord benefit means Board recognition that a patent application provides a proper constructive reduction to practice under 35 U.S.C. 102(g)(1).

Constructive reduction to practice means a described and enabled anticipation under 35 U.S.C. 102(g)(1) in a patent application of the subject matter of a count. Earliest constructive reduction to practice means the first constructive reduction to practice that has been continuously disclosed through a chain of patent applications including in the involved application or patent. For the chain to be continuous, each subsequent application must have been co-pending under 35 U.S.C. 120 or 121 or timely filed under 35 U.S.C. 119 or 365(a).

Count means the Board's description of the interfering subject matter that sets the scope of admissible proofs on priority. Where there is more than one count, each count must describe a patentably distinct invention.

Involved claim means, for the purposes of 35 U.S.C. 135(a), a claim that has been designated as corresponding to the count.

Senior party means the party entitled to the presumption under § 41.207(a)(1) that it is the prior inventor. Any other party is a junior party.

Threshold issue means an issue that, if resolved in favor of the movant, would deprive the opponent of standing in the interference. Threshold issues may include:

(1) No interference-in-fact, and

(2) In the case of an involved application claim first made after the publication of the movant's application or issuance of the movant's patent:

(i) Repose under 35 U.S.C. 135(b) in view of the movant's patent or published application, or

(ii) Unpatentability for lack of written description under 35 U.S.C. 112(1) of an involved application claim where the applicant suggested, or could have suggested, an interference under § 41.202(a).

##### § 41.202 Suggesting an interference.

(a) Applicant. An applicant, including a reissue applicant, may suggest an interference with another application or a patent. The suggestion must:

(1) Provide sufficient information to identify the application or patent with which the applicant seeks an interference,

(2) Identify all claims the applicant believes interfere, propose one or more counts, and show how the claims correspond to one or more counts,

(3) For each count, provide a claim chart comparing at least one claim of each party corresponding to the count and show why the claims interfere within the meaning of § 41.203(a),

(4) Explain in detail why the applicant will prevail on priority,

(5) If a claim has been added or amended to

provoke an interference, provide a claim chart showing the written description for each claim in the applicant's specification, and

(6) For each constructive reduction to practice for which the applicant wishes to be accorded benefit, provide a chart showing where the disclosure provides a constructive reduction to practice within the scope of the interfering subject matter.

(b) Patentee. A patentee cannot suggest an interference under this section but may, to the extent permitted under § 1.99 and § 1.291 of this title, alert the examiner of an application claiming interfering subject matter to the possibility of an interference.

(c) Examiner. An examiner may require an applicant to add a claim to provoke an interference. Failure to satisfy the requirement within a period (not less than one month) the examiner sets will operate as a concession of priority for the subject matter of the claim. If the interference would be with a patent, the applicant must also comply with paragraphs (a)(2)-(a)(6) of this section. The claim the examiner proposes to have added must, apart from the question of priority under 35 U.S.C. 102(g):

(1) Be patentable to the applicant, and

(2) Be drawn to patentable subject matter claimed by another applicant or patentee.

(d) Requirement to show priority under 35 U.S.C. 102(g).

(1) When an applicant has an earliest constructive reduction to practice that is later than the apparent earliest constructive reduction to practice for a patent or published application claiming interfering subject matter, the applicant must show why it would prevail on priority.

(2) If an applicant fails to show priority under paragraph (d)(1), an administrative patent judge may nevertheless declare an interference to place the applicant under an order to show cause why judgment should not be entered against the applicant on priority. New evidence in support of priority will not be admitted except on a showing of good cause. The Board may authorize the filing of motions to redefine the interfering subject matter or to change the benefit

Attachment



accorded to the parties.

(e) Sufficiency of showing.

(1) A showing of priority under this section is not sufficient unless it would, if un rebutted, support a determination of priority in favor of the party making the showing.

(2) When testimony or production necessary to show priority is not available without authorization under § 41.150(c) or § 41.156(a), the showing shall include:

(i) Any necessary interrogatory, request for admission, request for production, or deposition request, and

(ii) A detailed proffer of what the response to the interrogatory or request would be expected to be and an explanation of the relevance of the response to the question of priority.

§ 41.203 Declaration.

(a) Interfering subject matter. An interference exists if the subject matter of a claim of one party would, if prior art, have anticipated or rendered obvious the subject matter of a claim of the opposing party and vice versa.

(b) Notice of declaration. An administrative patent judge declares the patent interference on behalf of the Director. A notice declaring an interference identifies:

(1) The interfering subject matter;

(2) The involved applications, patents, and claims;

(3) The accorded benefit for each count; and

(4) The claims corresponding to each count.

(c) Redeclaration. An administrative patent judge may redeclare a patent interference on behalf of the Director to change the declaration made under paragraph (b).

(d) A party may suggest the addition of a patent or application to the interference or the declaration of an additional interference. The suggestion should make the showings required under § 41.202(a).

§ 41.204 Notice of basis for relief.

(a) Priority statement.

(1) A party may not submit evidence of its priority in addition to its accorded benefit unless

it files a statement setting forth all bases on which the party intends to establish its entitlement to judgment on priority.

(2) The priority statement must:

(i) State the date and location of the party's earliest corroborated conception,

(ii) State the date and location of the party's earliest corroborated actual reduction to practice,

(iii) State the earliest corroborated date on which the party's diligence began, and

(iv) Provide a copy of the earliest document upon which the party will rely to show conception.

(3) If a junior party fails to file a priority statement overcoming a senior party's accorded benefit, judgment shall be entered against the junior party absent a showing of good cause.

(b) Other substantive motions. The Board may require a party to list the motions it intends to file, including sufficient detail to place the Board and the opponent on notice of the precise relief sought.

(c) Filing and service. The Board will set the times for filing and serving statements required under this section.

§ 41.205 Settlement agreements.

(a) Constructive notice; time for filing. Pursuant to 35 U.S.C. 135(c), an agreement or understanding, including collateral agreements referred to therein, made in connection with or in contemplation of the termination of an interference must be filed prior to the termination of the interference between the parties to the agreement. After a final decision is entered by the Board, an interference is considered terminated when no appeal (35 U.S.C. 141) or other review (35 U.S.C. 146) has been or can be taken or had. If an appeal to the U.S. Court of Appeals for the Federal Circuit (under 35 U.S.C. 141) or a civil action (under 35 U.S.C. 146) has been filed the interference is considered terminated when the appeal or civil action is terminated. A civil action is terminated when the time to appeal the judgment expires. An appeal to the U.S. Court of Appeals for the Federal Circuit, whether from a decision of the Board or

a judgment in a civil action, is terminated when the mandate is issued by the Court.

(b) Untimely filing. The Chief Administrative Patent Judge may permit the filing of an agreement under paragraph (a) up to six months after termination upon petition and a showing of good cause for the failure to file prior to termination.

(c) Request to keep separate. Any party to an agreement under paragraph (a) may request that the agreement be kept separate from the interference file. The request must be filed with or promptly after the agreement is filed.

(d) Access to agreement. Any person, other than a representative of a Government agency, may have access to an agreement kept separate under paragraph (c) only upon petition and on a showing of good cause. The agreement will be available to Government agencies on written request.

§ 41.206 Common interests in the invention.

An administrative patent judge may decline to declare, or if already declared the Board may issue judgment in, an interference between an application and another application or patent that are commonly owned.

§ 41.207 Presumptions.

(a) Priority.

(1) Order of invention. Parties are presumed to have invented interfering subject matter in the order of the dates of their accorded benefit for each count. If two parties are accorded the benefit of the same earliest date of constructive reduction to practice, then neither party is entitled to a presumption of priority with respect to the other such party.

(2) Evidentiary standard. Priority may be proved by a preponderance of the evidence except a party must prove priority by clear and convincing evidence if the date of its earliest constructive reduction to practice is after the issue date of an involved patent or the publication date under 35 U.S.C. 122(b) of an involved application or patent.

(b) Claim correspondence.

(1) For the purposes of determining priority and derivation, all claims of a party corresponding to the count are presumed to stand or fall together. To challenge this presumption, a party must file a timely substantive motion to have a corresponding claim designated as not corresponding to the count. No presumption based on claim correspondence regarding the grouping of claims exists for other grounds of unpatentability.

(2) A claim corresponds to a count if the subject matter of the count, treated as prior art to the claim, would have anticipated or rendered obvious the subject matter of the claim.

(c) Cross-applicability of prior art. When a motion for judgment of unpatentability against an opponent's claim on the basis of prior art is granted, each of the movant's claims corresponding to the same count as the opponent's claim will be presumed to be unpatentable in view of the same prior art unless the movant in its motion rebuts this presumption.

§ 41.208 Content of substantive and responsive motions.

The general requirements for motions in contested cases are stated at § 41.121(c).

(a) In an interference, substantive motions must:

(1) raise a threshold issue,

(2) seek to change the scope of the definition of the interfering subject matter or the correspondence of claims to the count,

(3) seek to change the benefit accorded for the count, or

(4) seek judgment on derivation or on priority.

(b) To be sufficient, a motion must provide a showing, supported with appropriate evidence, such that, if un rebutted, it would justify the relief sought. The burden of proof is on the movant.

(c) Showing patentability.

(1) A party moving to add or amend a claim must show the claim is patentable.

(2) A party moving to add or amend a count must show the count is patentable over prior art.